

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P21189Serial No.  
09/961,186INFORMATION DISCLOSURE STATEMENT  
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Applicant  
Horio NOMURAFiling Date  
September 24, 2001Group  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>EL</i>	4 4 8 4 8 0 0	11/27/84	TAMURA			
<i>EL</i>	4 5 7 6 4 4 6	03/18/86	KAMATA			
<i>EL</i>	4 5 9 5 0 8 1	06/17/86	PARSONS			
<i>EL</i>	4 6 6 2 2 4 1	05/05/87	EDWARDS			
<i>EL</i>	4 8 3 4 5 1 4	05/30/89	ATSUTA et al.			
<i>EL</i>	4 9 7 1 4 2 7	11/20/90	TAKAMURA et al.			
<i>EL</i>	4 9 9 3 8 1 5	02/19/91	YAMAZAKI et al.			
<i>EL</i>	5 0 3 7 1 8 7	08/06/91	ODA et al.			
<i>EL</i>	5 1 7 7 6 3 8	01/05/93	EMURA et al.			
<i>EL</i>	5 1 9 6 9 6 3	03/23/93	SATO et al.			
<i>EL</i>	5 2 6 8 7 9 4	12/07/93	CHAN			
<i>EL</i>	5 3 0 1 0 6 6	04/05/94	HIGUCHI et al.			
<i>EL</i>	5 5 8 9 9 8 7	12/31/96	TANAKA			
<i>EL</i>	5 7 0 1 2 0 8	12/23/97	SATO et al.			
<i>EL</i>	5 7 3 9 9 6 2	04/14/98	ASAKURA et al.			
<i>EL</i>	5 7 7 4 2 6 6	06/30/98	OTANI et al.			
<i>EL</i>	5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
<i>EL</i>	5 9 3 3 2 8 5	08/03/99	SATO et al.			
<i>EL</i>	6 0 6 9 7 4 5	05/30/00	FUJII et al.			
<i>EL</i>	6 1 9 5 2 1 1	02/27/01	IWASAKI			
<i>EL</i>	6 3 6 9 9 5 5	04/09/02	ENOMOTO et al.			
<i>EL</i>	6 4 5 6 4 4 2	09/24/02	ENOMOTO			
<i>EL</i>	6 4 5 6 4 4 5	09/24/02	NOMURA et al.			
<i>EL</i>	6 4 6 9 8 4 0	10/22/02	NOMURA et al.			

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>lls</i>		6	4	6	9	8	4	1	10/22/02	NOMURA et al.	<i>11</i>	<i>11</i>	<i>2</i>
<i>lls</i>	2002	/0	0	1	2	1	7	8	01/31/02	NOGUCHI	<i>11</i>	<i>11</i>	
<i>lls</i>		6	5	2	2	4	7	8	02/18/03	NOMURA et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		6	5	2	2	4	8	1	03/21/02 <sup>03</sup>	NOMURA et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		6	5	2	2	4	8	2	02/18/03	NOMURA et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		4	3	9	0	2	6	2	06/28/83	HIROHATA et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		4	4	1	6	5	2	7	11/22/83	OKURA	<i>11</i>	<i>11</i>	
<i>lls</i>		5	1	6	6	8	2	9	11/24/92	IIZUKA	<i>11</i>	<i>11</i>	
<i>lls</i>		5	2	4	1	4	2	2	08/31/93	SHIMADA et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		5	4	6	1	4	4	3	10/24/95	NAKAYAMA et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		5	5	5	9	5	7	1	09/24/96	MIYAMOTO et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		5	8	1	2	8	8	9	09/22/98	NOMURA et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		6	1	1	8	6	6	6	09/12/00	AOKI et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		6	1	6	0	6	7	0	12/12/00	NAKAYAMA et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		6	4	2	4	4	6	9	07/23/02	HIRAI	<i>11</i>	<i>11</i>	
<i>lls</i>		6	4	3	7	9	2	4	08/20/02	AZEGAMI	<i>11</i>	<i>11</i>	
<i>lls</i>		6	4	9	3	5	1	1	12/10/02	SATO	<i>11</i>	<i>11</i>	
<i>lls</i>		6	4	2	9	9	7	9	08/06/02	ENOMOTO et al.	<i>11</i>	<i>11</i>	
<i>lls</i>		6	4	3	7	9	2	2	08/20/02	ENOMOTO et al.	<i>11</i>	<i>11</i>	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>lls</i>		4-	3	4	0	9	0	7	11/27/92	JAPAN	<i>11</i>	<i>11</i>		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>lls</i>		1	English Language Abstract of JP 4-340907.										

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5/29/03

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